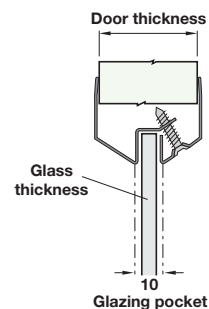


### How to order:

|  | Example 1        | Example 2       | Example 3*      |
|--|------------------|-----------------|-----------------|
| Select size of porthole required         | Ø 350 mm         | Ø 350 mm        | Ø 350 mm        |
| Select finish                            | SSS              | SSS             | SSS             |
| Confirm door thickness                   | 44 mm            | 44 mm           | 54 mm           |
| Confirm door fire rating                 | non fire         | FD30            | FD60            |
| Confirm door construction                | Timber           | Timber          | Timber          |
| Select glass                             | 6.4 mm laminated | 6 mm clear Fire | 6 mm clear Fire |
| Glass circumference                      | 1100 mm          | 1100 mm         | 1100 mm         |
| Glazing tape thickness (10-6.4/2=1.8 mm) | 1.6 mm           | 1.6 mm          | 1.6 mm          |

(If doors are 42 mm thick the glazing pocket is reduced to 8 mm, use 0.8 mm tape, if 46 mm thick, use 3.2 mm tape) \*Special order only



|               | Porthole        | Glass            | Tape                           | Liner                          |
|---------------|-----------------|------------------|--------------------------------|--------------------------------|
| Example 1     | 973.99.010      | 937.99.210       | 937.99.103<br>2200 mm required | -                              |
| Example 2     | 973.99.010      | 937.99.213       | 973.99.110<br>2200 mm required | 973.99.120<br>1100 mm required |
| Example 3     | 973.99.010      | 937.99.213       | 973.99.111<br>2200 mm required | 973.99.121<br>1100mm required  |
| Circumference | Ø 250 - 785 mm: | Ø 350 - 1100 mm: | Ø 450 - 1415 mm:               | Ø 550 - 1729 mm                |

**Assessed for use on fire doorsets with respect to BS EN 1634-1 and BS 476: part 22 - Report available on request.**

**Glazing tapes and liners** for use with metal porthole vision frames shown on page 302

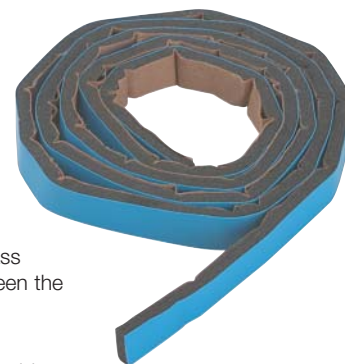


### Intumescent glazing tape

- For fitting to both sides of glass before it is sandwiched between the porthole frames
- For 1/2 hour and 1 hour fire rated timber doors
- In the event of fire, the tape starts to intumesce at 176°C expanding 6-8 times its volume ensuring the integrity of the door and porthole frame
- For steel fire rated doors, requiring greater than 60 minute fire ratings, use ceramic tape, which ensures the glass does not slump at higher temperatures - **information on request**
- 2438 mm length roll
- With PSA backing

| Size         | Type        | Cat. No.   |
|--------------|-------------|------------|
| 1.6 x 9.5 mm | Intumescent | 973.99.110 |
| 3.2 x 9.5 mm | Intumescent | 973.99.111 |

Order qty: 1 pc



### Glazing tape

- For fitting to both sides of glass before it is sandwiched between the porthole frames
- For non-fire rated doors
- Black closed cell polyvinyl chloride foam with PSA backing

| Size         | Roll length | Cat. No.   |
|--------------|-------------|------------|
| 0.8 x 9.5 mm | 50000 mm    | 973.99.105 |
| 3.2 x 9.5 mm | 20000 mm    | 973.99.104 |

Order qty: 1 roll



### Intumescent aperture liner

- For 1/2 hour and 1 hour fire rated timber doors
- In the event of fire, the liner starts to intumesce at 288°C expanding 80 times its volume ensuring the integrity of the door and porthole frame
- 2438 mm length roll
- With PSA backing

| Size        | Fire rating | Cat. No.   |
|-------------|-------------|------------|
| 1.6 x 44 mm | 1/2 hr      | 973.99.120 |
| 1.6 x 54 mm | 1hr         | 973.99.121 |

Order qty: 1 pc